Tne mutant

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Control → No plaques.

2899 → No plaques in either 10µl or 90µl

2904 → 10 plaques on 10µl

~ 50 plaques on 90µl.

Infect 6 plaques from 2904 (F→F) with 50µl DH5αF'IQ in 2ml EG. → 6 hrs at 37°C.

Save cultures and plaques.

For 2899 : Re transform DH5αF'IQ without any dilution — similarly transform with control

~~Overg~~ Overlay with top agar using 10µl & 90µl.

37°C O/N.

Control → 4 plaques (90µl)

2899 → 1 plaque (10µl)

13 plaque (90µl)

Save the plates at 4° O/N.

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[redacted]		Recorded by [redacted]	3/31/95

Project No._____
Book No._____ TITLE Tne mutant (F→Y)

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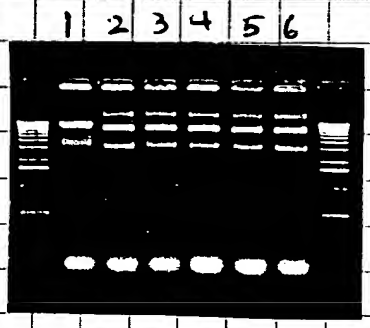
Test F→Y mutants (6 clones).

Standard mini prep. DNA was taken in 100µl TE.
Digest with HpaI.

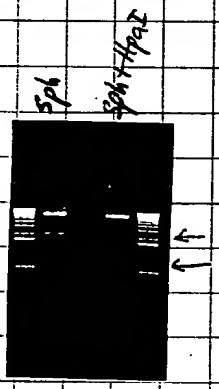


HpaI digest

#1 seems to be correct clone.

Test #1 with sph and sph+Hp

If correct, sphI fragment with sh
by about 600 bp.



This gel proves that sphI fragment
indeed shorter by about 600 bp.

∴ Thus #1 clone is correct and
saved.

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